

LISTING OF THE CLAIMS:

This Listing of Claims replaces all prior listings of claims in this patent application.

Claims 1-48 inclusive (Canceled)

49. (Previously presented) A system for managing a procedure in a blood component collection facility, the system comprising:

a blood component donor identifier corresponding to a blood component donor;

an operator identifier corresponding to a blood component collection instrument operator;

a blood component collection instrument for collecting a blood component from the blood component donor;

a system computer being operably connected to the blood component collection instrument, the system computer running a blood component collection application defining at least one step of a blood component collection process, said blood component collection application including a blood component collection initialization code segment and an arm-prep code segment; and,

an interface having a reader and being operably connected to the system computer for receiving the blood component donor identifier and the operator identifier and transmitting the operator identifier to the system computer

proximate the performance of the at least one step of the blood component collection process, and for receiving arm-prep information from the operator.

50. (Previously presented) The system of claim 49, wherein the blood component collection application further comprises at least one code segment selected from a group consisting of a remove-blood-component code segment, and a disconnect-blood-component-donor code segment.

51. (Previously presented) The system of claim 49, wherein the blood collection component application associates the blood component donor identifier with the operator identifier.

52. (Previously presented) The system of claim 51, wherein the reader receives separate input of the blood component donor identifier and the operator identifier from a location proximate the blood component collection instrument.

53. (Previously presented) The system of claim 51, wherein the reader receives separate input of the blood component identifier and the operator identifier proximate in time one from the other and prior to blood component collection.

54. (Previously presented) The system of claim 49, wherein the operator identifier is transmitted to the

system computer after the performance of the at least one step of the blood component collection process.

55. (Previously presented) The system of Claim 49, further comprising a second interface operably connected to the system computer, the second interface for providing access to the data related to the blood component collection process.

56. (Previously presented) The system of Claim 55, wherein the second interface provides access to at least a portion of the data related to the blood component collection process, the data being received by the second interface in response to a request received by the system computer.

57. (Previously presented) The system of Claim 55, wherein the second interface provides access to remote blood component collection facility data.

58. (Previously presented) The system of Claim 55, wherein the second interface provides access to performance statistics for the blood component collection process.

59. (Previously presented) The system of Claim 55, wherein the second interface provides access to a record of an operator's interaction with the blood component collection facility, the interaction of the operator with the blood component collection facility having been

concomitantly logged into the memory of the blood component collection process by the operator via the interface.

60. (Previously presented) The system of Claim 55, wherein the second interface provides access to information related to the donor.

61. (Previously presented) The system of Claim 55, wherein the second interface provides access to information related to the blood component collection instrument.

62. (Previously presented) The system of Claim 55, wherein the second interface provides access to quality assurance statistics of the blood component collection facility.

63. (Previously presented) The system of Claim 55, further comprising an operator identifier wherein the operator utilizes the interface to transmit the operator identifier and the blood component collection kit identifier to the system computer.

64. (Previously presented) The system of Claim 49, further comprising a blood component collection kit for connection to the blood component collection instrument, the kit having a blood component collection kit identifier.

65. (Previously presented) The system of Claim 49, wherein the blood component collection process further

comprises a blood component collection instrument set-up procedure.

66. (Previously presented) The system of Claim 49, wherein the reader comprises at least one of a touch pad, a keypad, an optical scanner and a magnetic scanner, for entering the request for information logged into the system computer.

67. (Previously presented) The system of Claim 49, further comprising a report generated by the blood component collection application and displayed via the interface, wherein the report provides blood component collection facility information associated with the donor.

68. (Previously presented) The system of Claim 49 comprising a report generated by the blood component collection application and displayed via the interface, wherein the report for provides blood component collection facility information associated to the blood component collection kit.

69. (Previously presented) The system of Claim 49, further comprising a remote server operably connected to the system computer via a communication network, wherein the remote server monitors and tracks a remote blood collection facility.

70. (Previously presented) The system of Claim 69, wherein a second interface provides access to the remote server through a browser within the second interface.

71. (Previously presented) The system of Claim 69, wherein a second interface provides access to data received by the system computer from the remote server.

72. (Previously presented) The system of Claim 50, wherein blood-component-collection-initialization code segment requests a blood component instrument identifier.

73. (Previously presented) The system of Claim 72, wherein the blood-component-collection initialization code segment further requests a blood component collection process identifier.

74. (Previously presented) The system of Claim 73, wherein the blood-component -collection initialization code segment further requests the donor identifier.

75. (Previously presented) The system of Claim 74, wherein the blood-component-collection-initialization code segment further requests the operator identifier.

76. (Previously presented) The system of Claim 50, wherein the arm-prep code segment further requests an anatomical location on the donor for drawing the blood component.

77. (Previously presented) The system of Claim 50,

wherein the arm-prep code segment further requests the operator identifier.

78. (Previously presented) The system of Claim 77, wherein the arm-prep code segment further requests blood component collection instrument identifier.

79. (Previously presented) The system of Claim 78, wherein the arm-prep code segment further requests a blood component collection process identifier.

80. (Previously presented) The system of Claim 79, wherein the arm-prep code segment requests a blood component instrument identifier.

81. (Previously presented) The system of Claim 50, wherein the remove-blood-component code segment requests a blood component instrument identifier.

82. (Previously presented) The system of Claim 81, wherein the remove-blood-component code segment further requests a blood component collection process identifier.

83. (Previously presented) The system of Claim 82, wherein the remove-blood-component code segment further requests an operator identifier.

84. (Previously presented) The system of Claim 84, wherein the remove-blood-component code segment further requests a blood component collection instrument identifier.

85. Canceled

86. (Previously presented) The system of Claim 82, wherein the remove-blood-component code segment further requests the operator identifier of the operator administering the remove-blood-component procedure.

87. (Previously presented) The system of Claim 86, wherein the remove-blood-component code segment further requests confirmation of a calculated amount of blood component to be removed and an actual amount of blood component removed.

88. (Previously presented) The system of Claim 87, wherein the remove-blood-component code segment further requests a reason for a difference between the calculated amount of blood component to be removed and the actual amount of blood component removed.

89. (Previously presented) The system of Claim 50, wherein the disconnect-blood-component-donor code segment further requests the operator identifier of the operator administering the disconnect-blood-component-donor procedure.

90. (Previously presented) The system of Claim 89, wherein the disconnect-blood-component-donor code segment further requests a reaction of the blood donor during the blood component collection process.

91. (Previously presented) The system of Claim 49, further comprising an alarm generated by the blood component collection application and displayed via the interface for alerting the operator of a condition affecting the blood component collection process.

92. Canceled

93. (Previously presented) The system of Claim 49, wherein blood component collection application comprises at least one code segment for receiving data, the data selected from a group consisting of clearing instrument alarm data, clearing instrument alert data, instrument set-up data, program procedure data, arm-prep data, venipuncture data, remove plasma data, disconnect data, saline data, donor reaction data, re-sync data, move donor data, procedure termination data, change component data, maintenance data, field service data, out-of-service data, and in-service data.

94. (Previously presented) The system of Claim 93, wherein the at least one code segment further receives the operator identifier proximate in time with the receipt of the data.

95. (Previously presented) The system of Claim 93, wherein the at least one code segment further receives a blood component collection identifier proximate in time

with the receipt of the data.

96. (Previously presented) The system of Claim 93, wherein the at least one code segment associates the operator identifier with the data.

97. (Previously presented) The system of Claim 93, wherein the at least one code segment associates a blood component instrument identifier with the data.

98. (Previously presented) A computer readable medium having a computer program code stored thereon, the computer program code for managing a procedure in a blood component collection facility, comprising:

a first code segment for receiving a blood component donor identifier corresponding to a blood component donor;

a second code segment for receiving an operator identifier corresponding to a blood component collection instrument operator;

a third code segment for defining at least one step of a blood component collection process;

a fourth code segment for receiving the operator identifier proximate the performance of the at least one step of the blood component collection process;

a fifth segment for initializing a blood component collection process;

a sixth segment for initiating an arm-prep process;

and

a seventh segment for receiving arm-prep information from the operator.

99. (Previously presented) The computer readable medium of claim 98, further comprising at least one code segment selected from a group consisting of a remove-blood-component code segment, and a disconnect-blood-component-donor code segment.

100. (Previously presented) The computer readable medium of claim 98 further comprising a code segment for associating the blood component donor identifier with the operator identifier.

101. (Previously presented) The computer readable medium of claim 100, further comprising a code segment for receiving a separate input of the blood component donor identifier and the operator identifier from a location proximate the blood component collection instrument.

102. (Previously presented) The computer readable medium of claim 100, further comprising a code segment for receiving a separate input of the blood component donor identifier and the operator identifier proximate in time one from the other and prior to blood component collection.

103. (Previously presented) The computer readable medium of claim 100, further comprising a code segment for

transmitting the operator identifier to the system computer after the performance of the at least one step of the blood component collection process.

104. (Previously presented) The computer readable medium of claim 98, further comprising a code segment for providing access to the data related to the blood component collection process.

105. (Previously presented) The computer readable medium of claim 104, further comprising a code segment for accessing at least a portion of the data related to the blood component collection process, the data being received by a second interface in response to a request received by the system computer.

106. (Previously presented) The computer readable medium of claim 104, further comprising a code segment for accessing remote blood component collection facility data.

107. (Previously presented) The computer readable medium of claim 104, further comprising a code segment for accessing performance statistics for the blood component collection process.

108. (Previously presented) The computer readable medium of claim 104, further comprising a code segment for accessing a record of an operator's interaction with the blood component collection facility, the interaction of the

operator with the blood component collection facility having been concomitantly logged into a memory for the blood component collection process by the operator.

109. (Previously presented) The computer readable medium of claim 104, further comprising a code segment for accessing information related to the donor.

110. (Previously presented) The computer readable medium of claim 104, further comprising a code segment for accessing information related to the blood component collection instrument.

111. (Previously presented) The computer readable medium of claim 104, further comprising a code segment for accessing quality assurance statistics of the blood component collection facility.

112. (Previously presented) The computer readable medium of claim 104, further comprising a code segment for transmitting the operator identifier and the blood component collection kit identifier to the system computer.

113. (Previously presented) The computer readable medium of claim 98, further comprising a code segment for generating a report, where the report provides blood component collection facility information associated with the donor.

114. (Previously presented) The computer readable

medium of claim 98, further comprising a code segment for generating a report, wherein the report provides blood component collection facility information associated to the blood component collection kit.

115. (Previously presented) The computer readable medium of claim 98, further comprising a code segment for monitoring a remote blood collection facility.

116. (Previously presented) The computer readable medium of claim 115, further comprising a code segment for accessing a remote server through a browser.

117. (Previously presented) The computer readable medium of claim 115, further comprising a code segment for accessing data received from a remote server.

118. (Previously presented) The computer readable medium of Claim 99, wherein blood-component-collection-initialization code segment requests a blood component instrument identifier.

119. (Previously presented) The computer readable medium of Claim 118, wherein the blood-component-collection-initialization code segment further requests a blood component collection process identifier.

120. (Previously presented) The computer readable medium of Claim 119, wherein the blood-component-collection-initialization code segment further requests the

donor identifier.

121. (Previously presented) The computer readable medium of Claim 120, wherein the blood-component-collection-initialization code segment further requests the operator identifier.

122. (Previously presented) The computer readable medium of Claim 99, wherein the arm-prep code segment further requests an anatomical location on the donor for drawing the blood component.

123. (Previously presented) The computer readable medium of Claim 122, wherein the arm-prep code segment further requests the operator identifier.

124. (Previously presented) The computer readable medium of Claim 123, wherein the arm-prep code segment further requests blood component collection instrument identifier.

125. (Previously presented) The computer readable medium of Claim 124, wherein the arm-prep code segment further requests a blood component collection process identifier.

126. (Previously presented) The computer readable medium of Claim 125, wherein the arm-prep code segment requests a blood component instrument identifier.

127. (Previously presented) The computer readable

medium of Claim 99, wherein the remove-blood-component code segment requests a blood component instrument identifier.

128. (Previously presented) The computer readable medium of Claim 127, wherein the remove-blood-component code segment further requests a blood component collection process identifier.

129. (Previously presented) The computer readable medium of Claim 128, wherein the remove-blood-component code segment further requests an operator identifier.

130. (Previously presented) The computer readable medium of Claim 129, wherein the remove-blood-component code segment further requests a blood component collection instrument identifier.

131. (Previously presented) The computer readable medium of Claim 130, wherein the remove-blood-component code segment further requests a blood component collection process identifier.

132. (Previously presented) The computer readable medium of Claim 131, wherein the remove-blood-component code segment further requests the operator identifier of the operator administering the remove-blood-component procedure.

133. (Previously presented) The computer readable medium of Claim 132, wherein the remove-blood-component

code segment further requests confirmation of a calculated amount of blood component to be removed and an actual amount of blood component removed.

134. (Previously presented) The computer readable medium of Claim 133, wherein the remove-blood-component code segment further requests a reason for a difference between the calculated amount of blood component to be removed and the actual amount of blood component removed.

135. (Previously presented) The computer readable medium of Claim 134, wherein the disconnect-blood-component-donor code segment further requests the operator identifier of the operator administering the disconnect-blood-component-donor procedure.

136. (Previously presented) The computer readable medium of Claim 99, wherein the disconnect-blood-component-donor code segment further requests a reaction of the blood donor during the blood component collection process.

137. (Previously presented) The computer readable medium of Claim 98, further comprising a code segment for generating and displaying an alarm for alerting the operator of a condition affecting the blood component collection process.

138. (Previously presented) The computer readable medium of Claim 98, further comprising at least one code

segment for receiving data, the data selected from a group consisting of clearing instrument alarm data, clearing instrument alert data, instrument set-up data, soft good data, program procedure data, arm-prep data, venipuncture data, remove plasma data, disconnect data, saline data, donor reaction data, re-sync data, move donor data, procedure termination data, change component data, maintenance data, field service data, out-of-service data, and in-service data.

139. (Previously presented) The computer readable medium of Claim 138, wherein the at least one code segment further receives the operator proximate in time with the receipt of the data.

140. (Previously presented) The computer readable medium of Claim 138, wherein the at least one code segment further receives a blood component collection instrument identifier proximate in time with the receipt of the data.

141. (Previously presented) The computer readable medium of Claim 138, wherein the at least one code segment associates the operator identifier with the data.

142. (Previously presented) The computer readable medium of Claim 138, wherein the at least one code segment associates a blood component collection instrument identifier with the data.

143. (Currently amended) A method for managing a procedure in a blood component collection facility, comprising:

receiving a blood component donor identifier corresponding to a blood component donor;

receiving an operator identifier corresponding to a blood component collection instrument operator;

running a blood component collection application
defining at least one step of a blood component collection
process, said blood component collection application
including a blood component collection initialization code
segment and an arm-prep code segment;

transmitting information, corresponding to an arm-prep procedure and at least one additional step of a blood component collection process, wherein the at least one additional step of the blood component collection process is selected from a group consisting of a blood component collection initialization procedure, a remove-blood-component procedure, and a disconnect-blood-component-donor procedure; and,

receiving the operator identifier and arm-prep procedure proximate the performance of the at least one step of the blood component collection process.